

Amendments to the Claims:

1. (CURRENTLY AMENDED) A system for executing a multimodal software application, comprising:

a first set of peripheral devices for receiving inputs from a user in a plurality of modalities and a second set of peripheral devices for generating outputs to a user in a plurality of modalities;

the multimodal software application, wherein said multimodal software application ~~is configured to receive~~ first data that is reflective of an input from ~~the~~ first set of peripheral devices and outputs second data to form an output, to a second set of peripheral devices;

a dialog engine in communication with the multimodal software application, wherein said dialog engine ~~is configured to execute~~ a workflow description having a plurality of dialog units that form a dialog, received from the multimodal software application and provides the first data to the multimodal software application;

the dialog engine selectively enabling the modality of the input from the first set of peripheral devices based on a state of the dialog of the workflow description;

said dialog engine further ~~configured to controlling~~ outputting of a prompt from the workflow description based on an input state of the enabled modality of the first set of peripheral devices; and

a respective interface component associated with each peripheral device within said first and second sets; wherein each interface

component is configured to provide the second data, if any, to the associated peripheral device and receive the first data, if any, from the associated peripheral device.

2. (CURRENTLY AMENDED) The system according to claim 1, wherein said control of the outputting includes interrupting the prompt if the first data is received while the prompt is being output.

3. (CURRENTLY AMENDED) The system according to claim 1, wherein said control of the outputting includes delaying outputting of the prompt if one of the first set of peripheral devices is receiving an input and the first data.

4. (CURRENTLY AMENDED) The system according to claim 1, wherein said control of the outputting includes determining that the first data relates to the prompt and a subsequent prompt, and associating a portion of the first data with the prompt and associating another portion of the first data with the subsequent prompt.

5. (CURRENTLY AMENDED) The system according to claim 4, wherein said control of the outputting further includes avoiding the output of the subsequent prompt.

6. (CURRENTLY AMENDED) The system according to claim 2, wherein said control of the outputting further includes preventing interrupting ~~and terminating~~ the prompt if the prompt is designated as non-interruptible.

7. (CURRENTLY AMENDED) The system according to claim 1, wherein the first set of peripheral devices includes one or more of a voice speech recognition system, a radio-frequency identifier scanner, a bar code scanner, a touch screen, a keypad, and a computer.

8. (ORIGINAL) The system according to claim 1, wherein the second set of peripheral devices includes one or more of a voice synthesis system, a display screen and a computer.

9. (CURRENTLY AMENDED) A method for executing a multimodal application, comprising the steps of:
executing a workflow description received from the multimodal application, said workflow description including a plurality of workflow objects dialog units that form a dialog;
receiving inputs from a user in at least one modality from at least one peripheral device of a plurality of peripheral devices and generating outputs to a user in at least one modality with at least one peripheral device from another plurality of peripheral devices;

outputting a prompt of a first workflow object via a peripheral device
of the another plurality of peripheral devices, said prompt related to the
multimodal application;

selectively enabling a modality of the input from the plurality of
peripheral devices based on a state of the dialog of the workflow
description; and

controlling the outputting of the prompt according to an input state
of the enabled modality from the plurality of peripheral devices.

10. (CURRENTLY AMENDED) The method according to claim 9,
wherein the prompt relates to a visual control of a GUI graphical user
interface screen of the multimodal application.

11. (CURRENTLY AMENDED) The method according to claim 9,
wherein the step of controlling includes the steps of:

receiving an input data before said step of outputting completes;
and

in response to receiving the input data, terminating the outputting
step whereby any remaining portion of the prompt is not output.

12. (ORIGINAL) The method according to claim 11, wherein:
the step of outputting includes outputting an audio prompt; and
the step of receiving includes receiving voice data from a speech
recognition system.

13. (CANCELLED)

14. (ORIGINAL) The method according to claim 11 further comprising
the steps of:

determining if the prompt has been designated as non-interruptible;

and

preventing terminating of the prompt.

15. (ORIGINAL) The method according to claim 11, further comprising
the steps of:

performing the step of terminating if the data is received from a
predetermined peripheral device; and

omitting the step of terminating if the input is received from other
than the predetermined device.

16. (CURRENTLY AMENDED) The method according to claim 9, wherein the step of controlling includes the steps of:

receiving an input data, in response to the prompt, related to the prompt and a second workflow object; and

associating a portion of the input data with the first workflow object and another portion of the input data with the second workflow object.

17. (ORIGINAL) The method according to claim 16, further comprising the step of:

preventing output of a subsequent prompt related to the second workflow object.

18. (CURRENTLY AMENDED) The method according to claim 16, wherein the input data relates to the first workflow object and a plurality of other workflow objects.

19. (CURRENTLY AMENDED) The method according to claim 9, wherein the step of controlling includes the steps of:

receiving an input data at one of the plurality of peripheral devices; and

delaying the step of outputting the prompt until the input data is no longer being received.

20. (CURRENTLY AMENDED) The method according to claim 19, wherein the step of delaying includes the steps of:

delaying outputting the prompt to ~~the one of the~~ another plurality of peripheral devices; and

permitting outputting the prompt without delay to another of the another plurality of peripheral devices.

21. (CURRENTLY AMENDED) The method according to claim 19, further comprising the steps of:

determining if the input ~~data~~ relates to the prompt; and

omitting outputting of the prompt if the input data relates to the prompt.

22. (CURRENTLY AMENDED) A tangible computer-readable storage medium bearing instructions encoded thereon for executing a multimodal application, said instructions being arranged, upon execution thereof, to cause one or more processors to perform the steps of:

executing a workflow description received from the multimodal application, said workflow description including a plurality of ~~workflow~~ objects dialog units that form a dialog;

receiving inputs from a user in at least one modality from at least one peripheral device of a plurality of peripheral devices and generating

outputs to a user in at least one modality with at least one peripheral device from another plurality of peripheral devices;

outputting a prompt of a first workflow object via a peripheral device of the another plurality of peripheral devices, said prompt related to a visual control of a GUI graphical user interface screen of the multimodal application;

selectively enabling a modality of the input from the plurality of peripheral devices based on a state of the dialog of the workflow description; and

controlling the outputting of the prompt according to an input state of the enabled modality from the plurality of peripheral devices.

23. (CURRENTLY AMENDED) The computer-readable storage medium according to claim 22, wherein the instructions are further arranged, upon execution thereof, to cause the one or more processors to perform the steps of:

receiving an input data before said step of outputting completes;
and

in response to receiving the input data, terminating the outputting step whereby any remaining portion of the prompt is not output.

24. (CURRENTLY AMENDED) The computer-readable storage medium according to claim 22, wherein the instructions are further arranged, upon execution thereof, to cause the one or more processors to perform the steps of:

receiving an input data, in response to the prompt, related to the prompt and a second workflow object; and

associating a portion of the input data with the first workflow object and another portion of the input data with the second workflow object.

25. (CURRENTLY AMENDED) The computer-readable storage medium according to claim 22, wherein the instructions are further arranged, upon execution thereof, to cause the one or more processors to perform the steps of:

receiving an input data at one of the plurality of peripheral devices; and

delaying the step of outputting the prompt until the input data is no longer being received.